

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/064,057DATE: 04/30/98  
TIME: 15:19:53

INPUT SET: S25451.raw

#11/2

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

ENTERED

## (1) General Information:

(i) APPLICANT: Gerard, Gary F.  
Smith, Michael D.  
Chatterjee, Deb K.

(ii) TITLE OF INVENTION: Compositions and Methods for Reverse  
Transcription of Nucleic Acid Molecules

(iii) NUMBER OF SEQUENCES: 23

## (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
(B) STREET: 1100 New York Avenue, Suite 600  
(C) CITY: Washington  
(D) STATE: DC  
(E) COUNTRY: USA  
(F) ZIP: 20005

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: (To be assigned)  
(B) FILING DATE: (Herewith)  
(C) CLASSIFICATION:

## (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 60/049,874  
(B) FILING DATE: 17-JUN-1997  
(C) CLASSIFICATION:

## (viii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 60/044,589  
(B) FILING DATE: 22-APR-1997

## (ix) ATTORNEY/AGENT INFORMATION:

(A) NAME: Esmond, Robert W.  
(B) REGISTRATION NUMBER: 32,893  
(C) REFERENCE/DOCKET NUMBER: 0942.4330002

09064057 25049060

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/064,057

DATE: 04/30/98  
TIME: 15:19:54

INPUT SET: S25451.raw

47 (ix) TELECOMMUNICATION INFORMATION:  
48 (A) TELEPHONE: 202-371-2600  
49 (B) TELEFAX: 202-371-2540  
50  
51

52 (2) INFORMATION FOR SEQ ID NO:1:  
53

54 (i) SEQUENCE CHARACTERISTICS:  
55 (A) LENGTH: 35 base pairs  
56 (B) TYPE: nucleic acid  
57 (C) STRANDEDNESS: both  
58 (D) TOPOLOGY: both  
59

60 (ii) MOLECULE TYPE: cDNA  
61  
62  
63  
64

65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
66

67 AGGAGACCCA TATGACTGTT GCGCTACATC TGGCT  
68

35

69 (2) INFORMATION FOR SEQ ID NO:2:  
70

71 (i) SEQUENCE CHARACTERISTICS:  
72 (A) LENGTH: 34 base pairs  
73 (B) TYPE: nucleic acid  
74 (C) STRANDEDNESS: both  
75 (D) TOPOLOGY: both  
76

77 (ii) MOLECULE TYPE: cDNA  
78  
79  
80  
81

82 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
83

84 AACGCGACAG GTTAACAGCG CGCAAATCAT GCAG  
85

34

86 (2) INFORMATION FOR SEQ ID NO:3:  
87

88 (i) SEQUENCE CHARACTERISTICS:  
89 (A) LENGTH: 32 base pairs  
90 (B) TYPE: nucleic acid  
91 (C) STRANDEDNESS: both  
92 (D) TOPOLOGY: both  
93

94 (ii) MOLECULE TYPE: cDNA  
95  
96  
97  
98

99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

00054057.042293

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100  
101 CACACACAGG TACCCTCTCG AAAAGTTAAA CC  
102

32

103 (2) INFORMATION FOR SEQ ID NO:4:  
104

105 (i) SEQUENCE CHARACTERISTICS:  
106 (A) LENGTH: 41 base pairs  
107 (B) TYPE: nucleic acid  
108 (C) STRANDEDNESS: both  
109 (D) TOPOLOGY: both  
110

111 (ii) MOLECULE TYPE: cDNA  
112  
113  
114  
115

116 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
117

118 CACACACACT CGAGTTATGC AAAAAGAGGG CTCGCCTCAT C  
119

41

120 (2) INFORMATION FOR SEQ ID NO:5:  
121

122 (i) SEQUENCE CHARACTERISTICS:  
123 (A) LENGTH: 36 base pairs  
124 (B) TYPE: nucleic acid  
125 (C) STRANDEDNESS: both  
126 (D) TOPOLOGY: both  
127

128 (ii) MOLECULE TYPE: cDNA  
129  
130  
131  
132

133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
134

135 GGACCCACTG TCTTTACCGC GGCCTCCTCA AGCACC  
136

36

137 (2) INFORMATION FOR SEQ ID NO:6:  
138

139 (i) SEQUENCE CHARACTERISTICS:  
140 (A) LENGTH: 35 base pairs  
141 (B) TYPE: nucleic acid  
142 (C) STRANDEDNESS: both  
143 (D) TOPOLOGY: both  
144

145 (ii) MOLECULE TYPE: cDNA  
146  
147  
148  
149

150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
151

152 CACACACACC CGGGTTAATA CGCTTGAAG GTGGC

35

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TIME: 15:19:56

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153  
154 (2) INFORMATION FOR SEQ ID NO:7:  
155  
156 (i) SEQUENCE CHARACTERISTICS:  
157 (A) LENGTH: 31 base pairs  
158 (B) TYPE: nucleic acid  
159 (C) STRANDEDNESS: both  
160 (D) TOPOLOGY: both  
161  
162 (ii) MOLECULE TYPE: cDNA  
163  
164  
165  
166  
167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
168  
169 CACACACATC ATGACTGTTG CGCTACATCT G 31  
170  
171 (2) INFORMATION FOR SEQ ID NO:8:  
172  
173 (i) SEQUENCE CHARACTERISTICS:  
174 (A) LENGTH: 29 base pairs  
175 (B) TYPE: nucleic acid  
176 (C) STRANDEDNESS: both  
177 (D) TOPOLOGY: both  
178  
179 (ii) MOLECULE TYPE: cDNA  
180  
181  
182  
183  
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
185  
186 CACACACAGG TACCCTCTCG AAAAGTTAA 29  
187  
188 (2) INFORMATION FOR SEQ ID NO:9:  
189  
190 (i) SEQUENCE CHARACTERISTICS:  
191 (A) LENGTH: 48 base pairs  
192 (B) TYPE: nucleic acid  
193 (C) STRANDEDNESS: both  
194 (D) TOPOLOGY: both  
195  
196 (ii) MOLECULE TYPE: cDNA  
197  
198  
199  
200  
201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
202  
203 CACACACAGA GGAATTCAGT GATGGTGATG GTGATGTGCA AAAAGAGG 48  
204  
205 (2) INFORMATION FOR SEQ ID NO:10:

00064057-04298

INPUT SET: S25451.raw

206

207

(i) SEQUENCE CHARACTERISTICS:

208

(A) LENGTH: 41 base pairs

209

(B) TYPE: nucleic acid

210

(C) STRANDEDNESS: both

211

(D) TOPOLOGY: both

212

213

(ii) MOLECULE TYPE: cDNA

214

215

216

217

218

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

219

220

ACTGGAATTC ATGCCAATCC ATCACCATCA CCATCACCCG T

41

221

222

(2) INFORMATION FOR SEQ ID NO:11:

223

224

(i) SEQUENCE CHARACTERISTICS:

225

(A) LENGTH: 41 base pairs

226

(B) TYPE: nucleic acid

227

(C) STRANDEDNESS: both

228

(D) TOPOLOGY: both

229

230

(ii) MOLECULE TYPE: cDNA

231

232

233

234

235

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

236

237

ACGTGTCGAC CATATGGATG ACTAGGTGAA ACGGGTGATG G

41

238

239

(2) INFORMATION FOR SEQ ID NO:12:

240

241

(i) SEQUENCE CHARACTERISTICS:

242

(A) LENGTH: 71 base pairs

243

(B) TYPE: nucleic acid

244

(C) STRANDEDNESS: both

245

(D) TOPOLOGY: both

246

247

(ii) MOLECULE TYPE: cDNA

248

249

250

251

252

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

253

254

ACTGGAATTC ATGCCAATCC ATCACCATCA CCATCACCCG TTTCACCTAG TCATCCATAT

60

255

256

GGTCGACACG T

71

257

258

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